

INFORMATION DISCLOSURE
CITATION OF PTO

ATTY. DOCKET NO.

SERIAL NO.

1035-643

10/582,998

APPLICANT

MIYACHI ET AL.

(Use several sheets if necessary)

FILING DATE

GROUP

June 14, 2006

2811-2883

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MPM	6,266,109	7-2001	Yamaguchi et al.			

FOREIGN PATENT DOCUMENTS

	DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
MPM	2001-249363 A	9-2001	JP			Partial
MPM	11-183937 A	7-1999	JP			Partial

OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)

MPM	Saito et al, "Thermodynamics of a Unique Thermo-Tropic Liquid Crystal Having Optical Isotropy", EKISHO, 2001, Vol. 5, No. 1, pp. 20-27
	Yamamoto, "Liquid Crystal Micro Emulsion", EKISHO, 2000, Vol. 4, No. 3, pp. 248-254
	Kobunshi Ronbunshu, December 2002, Vol. 59, No. 12, pp. 753-759
	Yoneya, "Examining Nano-Structured Liquid Crystal Phase by Molecule Simulator", EKISHO, 2003, Vol. 7, No. 3, pp. 238-245
	Handbook of Liquid Crystals, Wiley-VCH, 1998, Vol. 1, pp. 484-485 and p. 530
	Demus et al, "Chapter XIII Thermotropic Cubic Phases", Handbook of Liquid Crystals Low Molecular Weight Liquid Crystal, Wiley-VCH, 1998, Vol. 1.2B, pp. 887-900
	Yamamoto, "First Lecture of Liquid Crystal Science Experiment: Identification of Liquid Crystal Phase" Lyotropic Liquid Crystal, EKISHO, 2002, Vol. 6, No. 1, pp. 72-82
	Grelet et al, "Structural Investigations on Smectic Blue Phases", Physical Review Letters, 23 April 2001, Vol. 86, No. 17, pp. 3791-3794
	Matsumoto et al, "Fine Droplets of Liquid Crystals in a Transparent Polymer and Their Response to an Electric Field", Appl. Phys. Lett., 1996, Vol. 69, pp. 1044
MPM	Mizoshita et al, "Fast and High-Contrast Electro-Optical Switching of Liquid-Crystalline Physical Gels: Formation of Oriented Microphase-Separated Structures", Adv. Funct. Mater., 2003, Vol. 13, No. 4, pp. 313-317

*Examiner

Michael P. Mooney

Date Considered

9-29-07

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

Form PTO-FB-A820 (Also PTO-1449)

**INFORMATION DISCLOSURE
CITATION**

ATTY. DOCKET NO.

SERIAL NO.

1035-643

↳ ~~Unknown~~

~~10/582998~~

APPLICANT

MIYACHI ET AL.

(Use several sheets if necessary)

FILING DATE

TC/A.U.

June 14, 2006

Unknown 2883

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

DOCUMENT					DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
									YES	NO
MPM		2000-338462	12/2000	JP					ABST	
		2003-091014	3/2003	JP					ABST	
		2003-131636	5/2003	JP					ABST	
		11-271788	10/1999	JP					ABST	
		2001-133808	5/2001	JP					ABST	
		11-183937	7/1999	JP					ABST	
		2001-249363	9/2001	JP					ABST	
MPM		2-242228	9/1990	JP					ABST	

OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)

International Search Report for PCT/JP04/18930 dated 25 January 2005 (English and Japanese).

***Examiner**

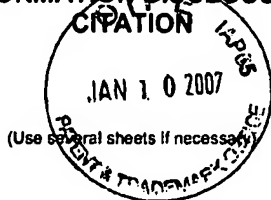
Michael P. Mooney

Date Considered

9-29-07

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

INFORMATION DISCLOSURE



ATTY. DOCKET NO.

1035-643

APPLICANT

MIYACHI ET AL.

FILING DATE

June 14, 2006

SERIAL NO.

10/582,998

GROUP

22811 2883

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	6,266,109	7-2001	Yamaguchi et al.			

FOREIGN PATENT DOCUMENTS

	DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
MPM	2001-249363 A	9-2001	JP			Partial
MPM	11-183937 A	7-1999	JP			Partial

OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)

MPM	Sato et al, "Thermodynamics of a Unique Thermo-Tropic Liquid Crystal Having Optical Isotropy", EKISHO, 2001, Vol. 5, No. 1, pp. 20-27
	Yamamoto, "Liquid Crystal Micro Emulsion", EKISHO, 2000, Vol. 4, No. 3, pp. 248-254
	Kobunshi Ronbunshu, December 2002, Vol. 59, No. 12, pp. 753-759
	Yoneya, "Examining Nano-Structured Liquid Crystal Phase by Molecular Simulator", EKISHO, 2003, Vol. 7, No. 3, pp. 238-245
	Handbook of Liquid Crystals, Wiley-VCH, 1998, Vol. 1, pp. 484-485 and p. 530
	Demus et al, "Chapter XIII Thermotropic Cubic Phases", Handbook of Liquid Crystals Low Molecular Weight Liquid Crystal, Wiley-VCH, 1998, Vol. 1.2B, pp. 887-900
	Yamamoto, "First Lecture of Liquid Crystal Science Experiment: Identification of Liquid Crystal Phase" Lyotropic Liquid Crystal, EKISHO, 2002, Vol. 6, No. 1, pp. 72-82
	Grelet et al, "Structural Investigations on Smectic Blue Phases", Physical Review Letters, 23 April 2001, Vol. 86, No. 17, pp. 3791-3794
	Matsumoto et al, "Fine Droplets of Liquid Crystals in a Transparent Polymer and Their Response to an Electric Field", Appl. Phys. Lett., 1996, Vol. 69, pp. 1044
MPM	Mizoshita et al, "Fast and High-Contrast Electro-Optical Switching of Liquid-Crystalline Physical Gels: Formation of Oriented Microphase-Separated Structures", Adv. Funct. Mater., 2003, Vol. 13, No. 4, pp. 313-317

*Examiner

Michael P. Mooney

Date Considered

9-29-07

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

Form PTO-FB-A820 (Also PTO-1449)